

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIC DERIC OF PATENTS AND TRADEMARKS Washington Dec. (2023) www.uspto.gov

" Marine ment			L - TOPPEN DOCKET SO	CONFIRMATION NO.
APPLICATION NO. 09/583,171	FILING DATE 05 30 2000	FIRST NAMED INVENTOR Teruhisa Tsuru	ATTORNEY DOCKET NO. P:1071-993	1225

2352

05 22 2002

OSTROLENK FABER GERB & SOFFEN 1180 AVENUE OF THE AMERICAS NEW YORK, NY 100368403

EXAMINER

GLENN, KIMBERLY E

PAPER NUMBER ART UNIT

DATE MAILED: 05/22/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Examiner				Application No.	Applicant(s)			
## Examinar Summary Examinar Summary	1	•		09/583,171	TSURU ET AL.			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address **Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION THE MAILING DATE OF THIS COMMUNICATION THE MAILING DATE OF THIS COMMUNICATION THE period for reply specified above is less than thing (30) days, a set you are statistically more than 100 and the statistics of the statisti		•	Office Action Summary	Examiner	Art Unit			
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALLING DATE OF THIS COMMUNICATION. THE MALLING DATE OF THIS COMMUNICATION. 1 A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALLING DATE OF THIS COMMUNICATION. 1 A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS from the realing date of the communication 1 A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTHS from the realing date of the communication 2 MONTHS from the realing date of the communication 2 MONTHS from the realing date of the communication 3 MONTHS from the realing date of the communication 4 MONTHS from the realing date of the communication 4 MONTHS from the realing date of this communication 4 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the set or extended period for reply will, by statute, custer the application become AbsNotOccitic (3 MONTHS from the realing date of the communication 5 MONTHS from the set or extended period for reply will, by statute, custer the application 4 MONTHS from the set or extended period for reply will, by statute or the application 5 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the realing date of the communication 5 MONTHS from the set or extended treety. 5 MONTHS from the communication 5 MONTHS from the set or extended treety. 5 MONTHS from the set or e				Kimberly F Glenn				
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MALING DATE OF THIS COMMUNICATION. 1 Exercised Communication of 3 CFR 1.13(a), in no event, however, may a reply be timely filed 2 period for the price and under the provision of 3 CFR 1.13(a), in no event, however, may a reply be timely filed 3 period for reply a specified above, the maning date of the communication, reply within the statistics may be sent and the reply a specified above, the maning date of the communication of the price of the reply a specified above, the maning date of the communication is the period for reply a specified above, the maning date of the communication is the period for reply a specified above, the maning date of the communication of the period of the			The MAII ING DATE of this communication app	pears on the cover sheet with the	ne correspondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE § MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. The MAILING DATE of this communication. If the period for reply a specified above is less than thirty (30) (argue, a length with the statutory uniform or thirty (30) days will be considered timely. If the period for reply a specified above is less than thirty (30) (argue, a length will reply a length will be considered timely. If the period for reply a specified above is less than thirty (30) (argue, a length will apply and will expire SIX (6) MONTH(S) from the malling date of this communication. If the period for reply a specified above, the enabling date of this communication. If the period for reply a specified above, the enabling date of this communication. If the period for reply a specified above, the enabling date of this communication. If the period for reply a specified above, the enabling date of this communication. If the period by the Office later than three months after the malling date of this communication. Provided the provided by the Office later than three months after the malling date of this communication. A possible of the specification is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-15 is/are pending in the application. 4) Of the above claim(s) 1,2,8 and 15 is/are withdrawn from consideration. 5) Claim(s) 9-14 is/are allowed. 6) Claim(s) 9-15 is/are rejected. 7) Claim(s) 9-16 is/are rejected. 7) Claim(s) 9-17 is/are rejected to by the Examiner. Provided the provided provided to by the Examiner. Application Papers 9) The drawing(s) filed on is/are a cacepted or b objected to by the Examiner. If approved, corrected drawings are required in reply to this Office action. 11) The proposed drawing correction filed on is/are allowed. 21	Peri	Pariod for Renly						
1) □ Responsive to communication(s) filed on 19 February 2002. 2a □ This action is FINAL. 2b □ This action is non-final. 3) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) □ Claim(s) 1-15 is/are pending in the application. 4a) Of the above claim(s) 1.2.8 and 15 is/are withdrawn from consideration. 5) □ Claim(s) 9-14 is/are allowed. 5) □ Claim(s) 3-7 is/are rejected. 7) □ Claim(s) 3-7 is/are rejected to. 8) □ Claim(s) 3-7 is/are objected to. 8) □ Claim(s) 3-7 is/are objected to. 8) □ Claim(s) 3-8 is/are objected to by the Examiner. 10) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on is/are allowed. Application Papers 9) □ The specification is objected to by the Examiner. Application Papers 11) □ The proposed drawing correction filed on is a size allowance in the proposed of the proposed of the proposed drawing correction filed on is a size allowance in the proposed drawing correction filed on is a size allowance in the proposed drawing correction filed on is a size allowance in the proposed drawing correction filed on is a size allowance in the proposed drawing correction filed on is a size allowance in the proposed drawing are required in reply to this Office action. 12) □ The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * ○ □ None of: 1. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. 15) □ Acknowledgment is made of a cl	A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If the period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication to become ABANDONED (35 U.S.C. § 133). - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).							
2a) This action is FINAL. 2b) This action is non-final. 3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 Claim(s) 1-15 is/are pending in the application. 4a) Of the above claim(s) 1.2.8 and 15 is/are withdrawn from consideration. 5) Claim(s) 9-14 is/are allowed. 5) Claim(s) 9-15 is/are objected to. 8 Claim(s) - 15 is/are objected to. 8 Claim(s) - 15 is/are objected to. 9 The specification is objected to by the Examiner. 10 The drawing(s) filled on is/are al_ accepted or bl_ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11 The proposed drawing correction filed on is: al_ approved by disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12 The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13 Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b Some * c None of: 1. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for alist of the certified copies on treceived. 14 Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15 Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s)			The semination (s) filed on 19	February 2002 .				
Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4] ○ Claim(s) 1-15 is/are pending in the application. 4a) Of the above claim(s) 1.2.8 and 15 is/are withdrawn from consideration. 5] ○ Claim(s) 9-14 is/are allowed. 6] ○ Claim(s) 3-7 is/are rejected. 7) ○ Claim(s)		<i>'</i>	. 57	nis action is non-final.				
Disposition of Claims 4)		·	This action is Time.	rance except for formal matter	s, prosecution as to the merits is			
4a) Of the above claim(s) 1.15 is/are pending in the application. 4a) Of the above claim(s) 1.28 and 15 is/are withdrawn from consideration. 5) ☐ Claim(s) 9-14 is/are allowed. 6) ☐ Claim(s) 3-7 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are. a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) ☐ The proposed drawing correction filed on is: a) ☐ approved b) ☐ disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) ☐ The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. § 119 and 120 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) ☐ The translation of the foreign language provisional application has been received. 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 120 and/or 121. Attachment(s) 1) ☐ Notice of References Cited (PTO-892) 3) ☐ Notice of References Cited (PTO-892)	closed in accordance with the practice under Ex pane Quayre, 1999 9.5. 11,							
4a) Of the above claim(s) 1.2.8 and 15 is/are withdrawn from consideration. 5)				'n				
5) Claim(s) 9-14 is/are allowed. 6) Claim(s) 3-7 is/are rejected. 7) Claim(s)		4) Claim(s) 1-15 is/are pending in the application.						
6) Claim(s) 3-7 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) The proposed drawing correction filed on is: a) approved by disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) Notice of References Cited (PTO-892) Notice of References Cited (PTO-892) Notice of Informal Patent Application (PTO-152)				Withdrawn from consideration.				
7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) ☐ The proposed drawing correction filed on is: a) ☐ approved b) ☐ disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) ☐ The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) ☐ The translation of the foreign language provisional application has been received. 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) ☐ Notice of References Cited (PTO-892) 3 ☐ Notice of References Cited (PTO-152)		,						
Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) Notice of References Cited (PTO-892) Notice of Praftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)		6)[· · · · · · · · · · · · · · · · · · ·					
Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are. a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) ☐ The proposed drawing correction filed on is: a) ☐ approved b) ☐ disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) ☐ The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☒ All b) ☐ Some * c) ☐ None of: 1 ☒ Certified copies of the priority documents have been received. 2 ☐ Certified copies of the priority documents have been received in Application No 3 ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) ☐ The translation of the foreign language provisional application has been received. 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) ☐ Notice of References Cited (PTC-892) 5) ☐ Notice of Informal Patent Application (PTO-152)		7)	Claim(s) is/are objected to.	(or election requirement				
9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. § 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some *c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Braftsperson's Patent Drawing Review (PTO-948)								
10) The drawing(s) filed on is/are: a accepted or b objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Informal Patent Application (PTO-152)	Ар	-		ner				
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.0(a). 11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Informal Patent Application (PTO-152)		9)	The specification is objected to by the Exami	ented or b) objected to by the	e Examiner.			
11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)	10) The drawing(s) filed on is/are. a) accepted or b) objected to by the is/are. a) accepted or b) objected to by the is/are. a) accepted or b) objected to by the is/are. a) accepted or b) objected to by the is/are. a) and accepted or b) objected to by the is/are. a) objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 2. All by Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Applicant may not request that any objection to the drawing(s) be used in the drawing of the dra							
Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 1 Notice of Informal Patent Application (PTO-152)	11) In the proposed drawing corrected drawings are required in reply to this Office action.							
Priority under 35 U.S.C. §§ 119 and 120 13) △ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) △ All b) ☐ Some * c) ☐ None of: 1. △ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) ☐ The translation of the foreign language provisional application has been received. 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) ☐ Notice of References Cited (PTO-892) 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) Notice of Informal Patent Application (PTO-152)	11 approved, corrected drawings are required.							
13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Notice of Informal Patent Application (PTO-152)								
a) ☑ All b) ☐ Some * c) ☐ None of: 1. ☑ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) ☐ The translation of the foreign language provisional application has been received. 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) ☑ Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 1 Notice of Informal Patent Application (PTO-152)	Priority under 35 U.S.C. §§ 119 and 120							
1.								
2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) ☐ The translation of the foreign language provisional application has been received. 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) ☐ Notice of References Cited (PTO-892) 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)		a) A Contified copies of the priority documents have been received.						
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) 3) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)		2. Contilled copies of the priority documents have been received in Application No						
* See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) **See the attached detailed Office action for a list of the certified copies not received. 10 Interview Summary (PTO-413) Paper No(s). 11 Interview Summary (PTO-413) Paper No(s). 12 Notice of Draftsperson's Patent Drawing Review (PTO-948)		Conics of the certified copies of the priority documents have been received in this National Stage						
14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 10 Notice of Informal Patent Application (PTO-152)		application from the International Bureau (PCT Kule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.						
a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 15) Notice of Informal Patent Application (PTO-152)		14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).						
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s) 5) Notice of Informal Patent Application (PTO-152)		The translation of the foreign language provisional application has been received.						
1) Notice of References Cited (PTO-692) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)	A							
	2	\	ntice of Draftsperson's Patent Drawing Review (PTO-948)	5) Notice of I	Summary (PTO-413) Paper No(s) nformal Patent Application (PTO-152)			

Application/Control Number: 09/583,171

Art Unit: 2817

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

- 2. Claims 3-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Cohn US Pat. 5,760,661.
- 3. Cohn discloses a circuit comprising a dielectric substrate 100 including a pair of main surfaces: a transmission line 104 disposed on the one of the main surfaces of the dielectric substrate; a ground conductor 102 disposed on the other of the main surfaces of the dielectric substrate; and a capacitance 112 being disposed on the dielectric substrate and connected to the transmission line for setting ad desired delay time of the delay line wherein the capacitance is provided by a varactor (varicap) diode. The

Application/Control Number: 09/583,171

Art Unit: 2817

varactor diode well known in the art to function as a variable capacitor. The capacitance is connected in parallel to the transmission line. (See figure 3, column 1 line 63 through column 2 line 2, column 3 line 52-through column 5 lines 33)

Allowable Subject Matter

- 4. Claims 9-14 are allowed.
- 5. The following is a statement of reasons for the indication of allowable subject matter: With regards to claim 9, the prior art of record does not disclose or fairly teach the capacitance being adjustable. The closest prior art of record Mandai et al US Pat. 5,436,601 (of record) discloses that the capacitance is substantially fixed. With regards to claim13, the prior art of record does not disclose or fairly teach the capacitance being a diode.
 - 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly E Glenn whose telephone number is (703) 306-5942. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pascal can be reached on (703) 308-4909. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7724 for regular communications and (703) 308-7724 for After Final communications.

Application/Control Number: 09/583,171

Art Unit: 2817

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Kimberly E Glenn Examiner Art Unit 2817

keg

May 17, 2002

Robert Pascal

Supervisory Patent Exeminer Technology Conter 2800